

Description

WS 1822 S detects and locates gas leaks and pressure losses in pipelines, pressure systems, etc. quickly and efficiently by creating a perfectly visible bubble when applied directly to the leak.

WS 1822 S is a water-based formulation containing surfactants, anticorrosives and stabilisers. It helps to protect the environment by localising emissions of toxic gases and pollutants.

Features

- It can be used with almost all types of gases:
- Natural gas, propane, butane, acetylene, oxygen, LPG refrigerants, nitrogen, carbon dioxide, compressed air.
- It is stable, safe, non-staining and non-corrosive.
- Safe on plastics, steel, aluminium, copper, etc.
- Stable formulation.
- The aerosols are equipped with 360° valves (sprays in inverted position) and a wide diffuser for added comfort.
- The aerosols use neutral N2O as propellant, giving an active product content of 98%.

Applications

- Valves
- Pipelines
- Threaded connections
- Welding joints
- Compressors
- Refrigeration units, air conditioning.
- Liquefied gases
- Pressure testing of pressurised cables
- Engines with LPG fuels
- Exhaust pipes.

Instructions for use

- Apply evenly over the area to be tested.
- Bubbles will appear in the exact area of the leak.
- The product is water-based and must not come into contact with connected electrical equipment.
- If necessary (e.g. oxygen systems) the remaining residue products can be removed with water.

Demo
1822 S



Certifications/Specifications

- Complies with DIN 30657 requirements
- Registered by DVGW (Deutscher Verein des Gas und Wasserfaches)
- Meets MIL-L-25567 specification for oxygen compatibility. Testing in systems where oxygen is involved should be done with caution, without allowing residue to be produced.

Technical Data

Property	Specification/Method	Value
Reference	- - - - -	WS 1822 S
Aspect	- - - - -	Liquid
Colour	- - - - -	Colourless
Density at 20°C	- - - - -	1,00 +- 0,01
pH	- - - - -	8,5
Surface tension at 20°C	- - - - -	28 mN/m
Foam stability	DIN 53902	90%
Corrosion test	DIN 30657	Non-corrosive
Flash point	- - - - -	Non-flammable
Freezing point	- - - - -	0°C (*)
Boiling point	- - - - -	100°C

(*) The product may be two-phase at low temperatures, but-after thawing-can be reconditioned by stirring.

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